Amendments to the Claims

This listing of claims, if entered, will replace all prior versions and listings of claims in the above-identified application.

Listing of Claims

1.   (Cancelled)

2.   (Cancelled)

3.   (Withdrawn) The method of Claim 1, further comprising:

extracting product management information in a third form that is associated with a second source computerized product management system that is distinct from the first source computerized product management system;

converting the product management information in the third form into product management information that is in the second intermediate form;

converting the product management information in the second intermediate form into product management information in the target form; and

using the product management information in the target form to perform at least one computer-implemented act from a set of computer-implemented acts comprising:

creating a new product management record in the target computerized product management system; and

updating an existing product management record in the target computerized product management system.

4.   (Previously Presented) The method of Claim 24, wherein the hierarchy of data elements comprises a plurality of product elements which comprise other elements.

5.   (Previously Presented)   The method of Claim 4, wherein each of the plurality of product elements comprises one or more elements selected from a group comprising:

a product identifier;

a product base data element;

a product sales data element

a product configuration data element;

a related product line element for defining a product line element;

a product list of price type element for defining a plurality of product price type elements;

a product list of related inventory location element for defining a plurality of product related inventory location elements for the product;

a list of related product element for defining a plurality of related product elements;

a product list of related business unit element for defining a product related business unit element; and

a product custom data element.

6.   (Previously Presented)   The method of Claim 5, wherein the product base data element comprises one or more elements selected from a group comprising:

a product category code element;

a product description element;

an product effective end date element for defining a product's effective validity end date;

an product effective start date element for defining a product's effective validity start date;

a global product identifier element;

a global product classification code element;

a global product serial identifier;

a global product special handling code element;

a product name element;

a product number element;

a product part number element;

a product status code element;

a product type code element;

a product unit of measure code element; and

a product vendor part serial number element.

7.   (Previously Presented) The method of Claim 5, wherein the product sales data element comprises one or more elements selected from a group comprising:

a product field replaceable flag;

a product lead time element;

a product maximum order quantity element;

a product minimum order quantity element;

a product revision number element;

a product orderable flag;

a sales product flag;

a service product flag;

a service instance flag; and

a serialized product flag.

8.   (Previously Presented) The method of Claim 5, wherein

the product configuration data element comprises a product configuration flag and
    a product related class element that is specific to a product;

the product line element comprises a product line identifier, a product line base
    data element and a product line custom data element, wherein the product
    line base data element comprises:
    a product line description element; and
    a product line name element;

each of the plurality of product price type elements comprises a product price type
    code element;

each of the plurality of product related inventory location elements for the product
    comprises a product inventory location identifier and a product inventory
    data element for the product, wherein the product inventory data element
    for the product comprises one or more elements selected from:

a product inventory location classification data element, wherein the

product inventory location classification data element comprises

one or more elements selected from:

a product movement class code element; and

a product value class code element; and

a product inventory location stocking data element, wherein the product

inventory location stocking data element comprises one or more

elements selected from:

a product allocate below safety stock level flag;

a product auto substitute flag;

a product auto allocate flag;

a product maximum inventory level element;

a product minimum inventory level element; and

a product safety stock level element;

each of the plurality of related product elements comprises one or more

elements selected from:

a related product identifier;

a related product name element;

a related product number element; and

a related product type code element; and

the product related business unit element comprises a product organization

identifier and a product business unit data element, wherein the

product business unit data element comprises a product sales unit

of measure code element.

9.   (Cancelled)

10.   (Cancelled)

11. (Withdrawn) The computer-readable medium of Claim 26, further comprising:

extracting product management information in a third form that is associated with a second source computerized product management system that is distinct from the first source computerized product management system;

converting the product management information in the third form into product management information that is in the second intermediate form;

converting the product management information in the second intermediate form into product management information in the target form; and

using the product management information in the target form to perform at least one computer-implemented act from a set of computer-implemented acts comprising:

creating a new product management record in the target computerized product management system; and

updating an existing product management record in the target computerized product management system.

12. (Previously Presented) The computer-readable medium of Claim 26, wherein the hierarchy of data elements comprises a plurality of product elements which comprise other elements.

13. (Previously Presented) The computer-readable medium of Claim 12, wherein each of the plurality of product elements comprises one or more elements selected from a group comprising:

a product identifier;

a product base data element;

a product sales data element

a product configuration data element;

a related product line element for defining a product line element;

a product list of price type element for defining a plurality of product price type elements;

a product list of related inventory location element for defining a plurality of

product related inventory location elements for the product;

a list of related product element for defining a plurality of related product

elements;

a product list of related business unit element for defining a product related

business unit element; and

a product custom data element.

14. (Previously Presented) The computer-readable medium of Claim 13, wherein the product base data element comprises one or more elements selected from a group comprising:

a product category code element;

a product description element;

an product effective end date element for defining a product's effective validity

end date;

an product effective start date element for defining a product's effective validity

start date;

a global product identifier element;

a global product classification code element;

a global product serial identifier;

a global product special handling code element;

a product name element;

a product number element;

a product part number element;

a product status code element;

a product type code element;

a product unit of measure code element; and

a product vendor part serial number element.

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15. (Previously Presented) The computer-readable medium of Claim 13, wherein the product sales data element comprises one or more elements selected from a group comprising:

a product field replaceable flag;

a product lead time element;

a product maximum order quantity element;

a product minimum order quantity element;

a product revision number element;

a product orderable flag;

a sales product flag;

a service product flag;

a service instance flag; and

a serialized product flag.

16. (Previously Presented) The computer-readable medium of Claim 13, wherein

the product configuration data element comprises a product configuration flag and a product related class element that is specific to a product;

the product line element comprises a product line identifier, a product line base data element and a product line custom data element, wherein the product line base data element comprises:

a product line description element; and

a product line name element;

each of the plurality of product price type elements comprises a product price type code element;

each of the plurality of product related inventory location elements for the product comprises a product inventory location identifier and a product inventory data element for the product, wherein the product inventory data element for the product comprises one or more elements selected from:

a product inventory location classification data element, wherein the product inventory location classification data element comprises one or more elements selected from:

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a product movement class code element; and

a product value class code element; and

a product inventory location stocking data element, wherein the product

inventory location stocking data element comprises one or more

elements selected from:

a product allocate below safety stock level flag;

a product auto substitute flag;

a product auto allocate flag;

a product maximum inventory level element;

a product minimum inventory level element; and

a product safety stock level element;

each of the plurality of related product elements comprises one or more

elements selected from:

a related product identifier;

a related product name element;

a related product number element; and

a related product type code element; and

the product related business unit element comprises a product organization

identifier and a product business unit data element, wherein the

product business unit data element comprises a product sales unit

of measure code element.

17.   (Withdrawn) A data structure for managing product, the data structure comprising a list of product element for defining a hierarchy of data elements, wherein the hierarchy of data elements includes a plurality of product elements which include other elements.

18.   (Withdrawn) The data structure of Claim 17, wherein each of the plurality of product elements includes one or more elements selected from a group comprising:

a product identifier;

a product base data element;

a product sales data element

a product configuration data element;

a related product line element for defining a product line element;

a product list of price type element for defining a plurality of product price type elements;

a product list of related inventory location element for defining a plurality of product related inventory location elements for the product;

a list of related product element for defining a plurality of related product elements;

a product list of related business unit element for defining a product related business unit element; and

a product custom data element.

19. (Withdrawn) The data structure of Claim 18, wherein the product base data element includes one or more elements selected from a group comprising:

a product category code element;

a product description element;

a product effective end date element for defining a product's effective validity end date;

a product effective start date element for defining a product's effective validity start date;

a global product identifier element;

a global product classification code element;

a global product serial identifier;

a global product special handling code element;

a product name element;

a product number element;

a product part number element;

a product status code element;

a product type code element;

a product unit of measure code element; and

a product vendor part serial number element.

20.　(Withdrawn)　The data structure of Claim 18, wherein the product sales data element includes one or more elements selected from a group comprising:

a product field replaceable flag;

a product lead time element;

a product maximum order quantity element;

a product minimum order quantity element;

a product revision number element;

a product orderable flag;

a sales product flag;

a service product flag;

a service instance flag; and

a serialized product flag.

21.　(Withdrawn)　The data structure of Claim 18, wherein

the product configuration data element includes a product configuration flag and a product related class element that is specific to a product;

the product line element includes a product line identifier, a product line base data element and a product line custom data element, wherein the product line base data element includes:

a product line description element; and

a product line name element;

each of the plurality of product price type elements includes a product price type code element;

each of the plurality of product related inventory location elements for the product includes a product inventory location identifier and a product inventory data element for the product, wherein the product inventory data element for the product includes one or more elements selected from:

a product inventory location classification data element, wherein the product inventory location classification data element includes one or more elements selected from:

a product movement class code element; and

a product value class code element; and

a product inventory location stocking data element, wherein the product
inventory location stocking data element includes one or more
elements selected from:
a product allocate below safety stock level flag;
a product auto substitute flag;
a product auto allocate flag;
a product maximum inventory level element;
a product minimum inventory level element; and
a product safety stock level element;
each of the plurality of related product elements includes one or more elements
selected from:
a related product identifier;
a related product name element;
a related product number element; and
a related product type code element; and
the product related business unit element includes a product organization
identifier and a product business unit data element, wherein the product
business unit data element includes a product sales unit of measure code
element.

22-23. (Cancelled)

24.   (**Currently Amended**) A method in a computing system, the method comprising:

managing a product, comprising

extracting product management information in a first form, wherein

the product management information comprises information

regarding the managing of the product, and

the first form is associated with a first source computerized product

management system;

converting the product management information in the first form, wherein

the converting the product management information in the first

form converts the product management information in the

first form into product management information that is in a

second intermediate form; and

converting the product management information in the second

intermediate form, wherein

the converting the product management information in the second

intermediate form converts the product management

information in the second intermediate form into product

management information in a target form,

the product management information in a target form corresponds

to a target computerized product management system, and

the second intermediate form comprises a list of product elements

for defining a hierarchy of data elements;

in response to the converting the product management information into ~~a~~

the target form, performing an update of an existing product

management record in the target computerized product

management system using the product management information in

the target form, wherein

the existing product management record resided in the target

computerized product management system prior to

converting the product management information **into the target form**.

25.   (Cancelled)

26.   **(Currently Amended)**   A computer-readable medium carrying one or more sequences of instructions, wherein execution of the one or more sequences of instructions by one or more processors causes the one or more processors to perform:

managing a product, comprising

extracting product management information in a first form, wherein

the product management information comprises information

regarding the managing of the product, and

the first form is associated with a first source computerized product

management system;

converting the product management information in the first form, wherein

the converting the product management information in the first

form converts the product management information in the

first form into product management information that is in a

second intermediate form; and

converting the product management information in the second

intermediate form, wherein

the converting the product management information in the second

intermediate form converts the product management

information in the second intermediate form into product

management information in a target form,

the product management information in the target form

corresponds to a target computerized product management

system, and

the second intermediate form comprises a list of product elements

for defining a hierarchy of data elements;

in response to the converting the product management information

into ~~a~~ **the** target form, performing an update of an existing

product management record in the target computerized

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product management system using the product management

information in the target form, wherein

the existing product management record resided in the

target computerized product management system

prior to converting the product management

information **into the target form**.

27. (Cancelled)

28. **(Currently Amended)** A method in a computing system, the method

comprising:

managing a product, comprising

extracting product management information in a first form, wherein

the product management information comprises information

regarding the managing of the product, and

the first form is associated with a first source computerized product

management system;

converting the product management information in the first form, wherein

the converting the product management information in the first

form converts the product management information in the

first form into product management information that is in a

second intermediate form;

converting the product management information in the second

intermediate form, wherein

the converting the product management information in the second

intermediate form converts the product management

information in the second intermediate form into product

management information in a first target form and product

management information in a second target form, wherein

the first target form is distinct from the second target form,

the product management information in the first target form

corresponds to a first target computerized product

management system,

the product management information in the second target form

corresponds to a second target computerized product

management system, and

the second intermediate form comprises a list of product elements

for defining a hierarchy of data elements;

in response to the converting the product management information

into a **the** target form, performing an update of an existing

product management record in the target computerized

product management system using the product management

information in the target form, wherein

the existing product management record resided in the

target computerized product management system

prior to converting the product management

information **into the target form**.